Natapol Pornputtapong

List of Publications by Year
in descending order

		933447	610901
26 papers	1,433 citations	10 h-index	24 g-index
26 all docs	26 docs citations	26 times ranked	3243 citing authors

#	Article	IF	Citations
1	Reconstruction of Genome-Scale Active Metabolic Networks for 69 Human Cell Types and 16 Cancer Types Using INIT. PLoS Computational Biology, 2012, 8, e1002518.	3.2	381
2	Exome sequencing identifies recurrent mutations in NF1 and RASopathy genes in sun-exposed melanomas. Nature Genetics, 2015, 47, 996-1002.	21.4	348
3	A comprehensive comparison of RNA-Seq-based transcriptome analysis from reads to differential gene expression and cross-comparison with microarrays: a case study in Saccharomyces cerevisiae. Nucleic Acids Research, 2012, 40, 10084-10097.	14.5	285
4	Germline MC1R status influences somatic mutation burden in melanoma. Nature Communications, 2016, 7, 12064.	12.8	103
5	Human metabolic atlas: an online resource for human metabolism. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav068.	3.0	76
6	MHCSeqNet: a deep neural network model for universal MHC binding prediction. BMC Bioinformatics, 2019, 20, 270.	2.6	56
7	Spitz nevi and Spitzoid melanomas: exome sequencing and comparison with conventional melanocytic nevi and melanomas. Modern Pathology, 2017, 30, 640-649.	5.5	55
8	Accounting for biological variation with linear mixed-effects modelling improves the quality of clinical metabolomics data. Computational and Structural Biotechnology Journal, 2019, 17, 611-618.	4.1	31
9	A multiâ€epitope chimeric protein elicited a strong antibody response and partial protection against <i>Edwardsiella ictaluri</i> in Nile tilapia. Journal of Fish Diseases, 2022, 45, 1-18.	1.9	17
10	Homology modeling of Mycoplasma pneumoniae enolase and its molecular interaction with human-plasminogen. Bioinformation, 2008, 3, 18-23.	0.5	13
11	KITSUNE: A Tool for Identifying Empirically Optimal K-mer Length for Alignment-Free Phylogenomic Analysis. Frontiers in Bioengineering and Biotechnology, 2020, 8, 556413.	4.1	11
12	Conioscypha nakagirii, a new species from naturally submerged wood in Thailand based on morphological and molecular data. Mycoscience, 2017, 58, 424-431.	0.8	9
13	Chemosensitizing activity of peptide from Lentinus squarrosulus (Mont.) on cisplatin-induced apoptosis in human lung cancer cells. Scientific Reports, 2021, 11, 4060.	3.3	8
14	Novelties in Fuscosporellaceae (Fuscosporellales): Two New Parafuscosporella from Thailand Revealed by Morphology and Phylogenetic Analyses. Diversity, 2021, 13, 517.	1.7	7
15	Development and Qualification of a Physiologically Based Pharmacokinetic Model of Finasteride and Minoxidil Following Scalp Application. Journal of Pharmaceutical Sciences, 2021, 110, 2301-2310.	3.3	6
16	Four Novel Phenanthrene Derivatives with Î±-Glucosidase Inhibitory Activity from Gastrochilus bellinus. Molecules, 2021, 26, 418.	3.8	5
17	Global copy number profiling of cancer genomes. Bioinformatics, 2016, 32, 926-928.	4.1	4
18	In silico analysis for factors affecting anti-malarial penetration into red blood cells. Malaria Journal, 2020, 19, 215.	2.3	3

#	Article	IF	Citations
19	Using machine learning-based analytics of daily activities to identify modifiable risk factors for falling in Parkinsonâ€™s disease. Parkinsonism and Related Disorders, 2021, 82, 77-83.	2.2	3
20	Resurfacing receptor binding domain of Colicin N to enhance its cytotoxic effect on human lung cancer cells. Computational and Structural Biotechnology Journal, 2021, 19, 5225-5234.	4.1	3
21	Is Hyperdermium Congeneric with Ascopolyporus? Phylogenetic Relationships of Ascopolyporus spp. (Cordycipitaceae, Hypocreales) and a New Genus Neohyperdermium on Scale Insects in Thailand. Journal of Fungi (Basel, Switzerland), 2022, 8, 516.	3.5	3
22	Prediction of Non-coding RNA and Their Targets in Spirulina platensis Genome. Communications in Computer and Information Science, 2010, , 106-117.	0.5	2
23	A dedicated database system for handling multi-level data in systems biology. Source Code for Biology and Medicine, 2014, 9, 17.	1.7	2
24	3D Structure Modeling of a Transmembrane Protein, Fatty Acid Elongase. Communications in Computer and Information Science, 2010, , 36-45.	0.5	1
25	Distinct dominant T-cell receptors with a tissue resident memory phenotype in individual melanoma metastases.. Journal of Clinical Oncology, 2017, 35, 3-3.	1.6	1
26	Adjusting an Invalid Correlation Matrix with Applications to High-Dimensional Biological Data. SSRN Electronic Journal, 0, , .	0.4	0